Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 12 Apr 2022 until 23:59 on Wednesday 13 Apr 2022

Forecast Issued on Tuesday 12 Apr 2022 at 04:09

Confidence: Low of timing of rain on Tuesday. High for mostly dry conditions for the rest of the week, but low for detail of cloud cover.

Headline for Tuesday 12 Apr 2022: Mainly dry this morning, cloudy with rain this afternoon and evening.

Mountain weather hazards on Tuesday 12 Apr 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
50%	20%	20%	70%	70%	70%

Forecast for Tuesday 12 Apr 2022

Weather: Dry for most of the morning. Rain will spread north across all ranges this afternoon, this continuing into the evening.

Chance of cloud-free hill tops above 800m: 80% in the morning, decreasing 30% in the afternoon and evening

Low cloud and visibility: Good visibility occasionally lowering poor in rain, and very poor later with low cloud and associated fog above 300 m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 12 Apr 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/22 SE	19/23 E	18/22 SE	16/20 SE	14/18 S	13/17 SW	18/23 SW
600	18/25 SE	13/17 E	14/20 SE	12/17 SE	12/17 S	10/14 SW	14/19 SW
300	4/14 SE	4/12 E	4/12 E	6/14 SE	5/12 S	4/11 SW	6/16 SW
Valley	4/15 E	4/10 NE	4/11 NE	5/11 E	4/10 S	5/10 SW	7/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	8/4	7/3	6/2	6/2	6/2	5/2	4/-0
600	7/3	8/5	8/4	8/5	8/5	7/4	6/2
300	9/8	10/10	10/9	10/9	10/8	8/7	7/5
Valley	10/9	12/11	11/10	11/10	10/10	9/8	8/7
Freezing Level*	2000m	2100m	2200m	2100m	2000m	2000m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Forecast for Wednesday 13 Apr 2022

Weather: A dry day with a rather dull morning, turning brighter in the afternoon. Low cloud and associated fog above 400 m will give poor visibility in the morning. This will lift and break through the afternoon giving some bright or sunny spells, and a chance of an odd shower. Low cloud and fog at times in the evening. Light southwesterly winds.

Maximum wind: Southwesterly mean 15 mph.

Chance of cloud-free hill tops above 800m: 30% in the morning, 80% in the afternoon, 40% in the evening.

Low cloud and visibility: Good visibility away from any low cloud and associated fog above 400 m, where visibility will be very poor.

Temperature: **Valleys:** Plus 8 Celsius rising to plus 13 Celsius.
At 800m: Plus 4 Celsius rising to plus 6 Celsius.
Freezing level: Above summits.

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Ground Conditions Supplement

Date: Monday 11 April 2022 Location: Helvellyn summit at 12:10 Full report: There is currently a significant contrast between the warmth of the green sheltered valleys and the exposed snow covered high fells with sub zero windchill temperatures (what the temperature feels like - which was minus 4 degrees at midday). The snowline is around 700m and there is also a contrast in coverage with significantly less snow, or even none, on sunny south facing aspects right up to summit level whereas shady north and east facing slopes have been more resistant to the slow thaw. Where undisturbed, the snow is now soft; however on popular routes, where it has been compacted by walkers' boots, it is firmer and, in some cases, icy. The deepest drifts are to be found in sheltered spots and hollows and on steep north & east facing slopes above 900m where depths of over 50cm can be found – although such depth is the exception. There are cornices (snow overhangs) over steep north and east facing slopes. Although very small they are weakening in the milder temperatures so please keep well back from such edges and advise those with less experience to do likewise as there were footprints far, far too close to the edge of Helvellyn's corniced east face. Exposed routes above the snowline are in mixed condition and require extreme care. For example the crests of both Striding and Swirral edges were both bone dry grippy (if that's a word!) rock. However, this lulled walkers into a false sense of security as both exits are guarded by steep, deep unavoidable snow. Today the snow was mostly soft to firm although there was ice in the steps cut into Striding's snowy exit. It would only take a marginal drop in temperature for this snow to harden. Therefore anyone attempting such routes should have an ice axe in case they slip on the steep snow and microspikes/crampons in case harder snow/ice is encountered. As mentioned, there is a marked difference in conditions between the valleys and the high fells as those dressed in shorts quickly discovered! Thus for those venturing on the high fells full winter clothing (waterproofs, extra warm layers, hat & gloves) and equipment - including a map and compass and the ability to use them in potentially poor visibility – are all essential. This is not just for safety but also for enjoyment as the summit today was a place to don extra clothing and linger to savour the spectacular vistas! Come properly dressed and equipped and enjoy! Temperature: plus 3.0 C, Maximum wind speed 26.2 mph, Wind chill: minus 3.8 C, Average wind speed: 12.2 mph.

Issued at: 04:09 on Tue 12 Apr 2022

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